



**Health Services**  
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March 31, 2006

TO: Each Supervisor

FROM: Bruce A. Chernof, M.D.  
Acting Director and Chief Medical Officer

SUBJECT: **AMENDMENT TO INFORMATION TECHNOLOGY  
SUPPORT SERVICES MASTER AGREEMENT  
(ITSSMA) WORK ORDERS N06-0105, N06-0118 AND  
N05-0104 FOR E\*GATE/HL7 INTERFACE  
PROGRAMMERS**

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This is to advise you of my intent to request the Internal Services Department (ISD) amend the following ITSSMA Work Orders N06-0105 and N06-0118 with Computerworks Technologies and Work Order N05-0104 with Pro-Tem Solutions, to extend the term of each Work Order currently scheduled to expire April 15, 2006 to March 29, 2007 and to increase the total maximum amount by \$693,738 to bring the total cost of this project to \$2,372,818. The Amendment of the existing Work Orders will exceed the \$300,000 project limit. In accordance with ITSSMA Guidelines, prior Board notice is required for projects that will exceed \$300,000.

**BACKGROUND**

The Department of Health Services (DHS) is in the process of implementing a centralized, fully integrated, real-time Data Repository System (DRS). Currently there is no existing mechanism for centrally capturing and integrating Department-wide clinical, public health, financial and administrative information. Health Services Administration (HSA) and facility administrators, as well as local planning and service delivery organizations, urgently need access to such information to manage our health care delivery system effectively and efficiently. Successful and timely implementation of the DRS is highly dependent upon the development of e\*Gate interfaces and processes that are required to populate the DRS.

These Work Orders were competitively bid and awarded at various dates in 2003 and 2004 for a maximum total amount of \$299,000. In March 2004, these Work Orders were amended to extend services for 12 months and increase the maximum amount by \$213,720 for Work Order N06-0105, \$265,200 for N05-0104 and \$211,120 for N06-0118 for a total increase of \$690,040 and a cumulative total of \$989,040.

Again in April 2005, these Work Orders were amended to extend services for an additional 12 months and increase the maximum amount by \$213,720 for Work Order N06-0105, \$265,200 for N05-0104 and \$211,120 for N06-0118 for a total increase of \$690,040 and a cumulative total of \$1,679,080.

Your Board was advised of the proposed actions in memos dated April, 2004 and June, 2005.

### **SCOPE OF WORK**

The scope of work for these work orders will remain unchanged and consists of the following:

- Design, develop, test and implement HL7 interfaces, including HIPAA compliant transaction code sets.
- Design, develop, test and implement all the required e\*Gate interface components.
- Identify and analyze performance test results, which include, but are not limited to, the ability of e\*Gate to insert data directly into a relational database management system.

### **JUSTIFICATION**

Two e\*Gate programmers continue to be required to meet the DRS project and HIPAA compliance objectives. The third e\*Gate programmer is a senior programmer to assist project managers in areas of “best-practice in the industry” solutions, enterprise application integration (EAI) architecture and conversion of Datagate to e\*Gate interfaces.

While the Department recognizes that reliance on contract consultants may not be ideal, it continues to be difficult to attract comparably qualified permanent replacements within the allocation of items available. Although several exams have been administered, the results have not produced candidates with the skills and experience required to perform these technically specialized functions. These experienced consultants will facilitate knowledge transfer and mentoring of DHS staff and the eventual transition of support to County employees. This is a temporary resource need that will not exist once the necessary interfaces and infrastructures have been developed and successfully deployed.

The original scope and justification has not changed. The pace of work has been dependent on implementation schedules of new information system projects which require interfacing to existing hospital applications in conjunction with IT infrastructure upgrades and competing facility resources. In addition, the amount of work has increased as legacy processes are analyzed and updated.

### **FISCAL IMPACT**

The hourly rates for each contractor will remain the same during the extended term. The total cost of these three (3) Work Orders will be \$2,372,818, as follows:

| <b>Work Order</b> | <b>FY 03-04</b>  | <b>FY 04-05</b>  | <b>FY 05-06</b>  | <b>FY 06-07</b>  | <b>Grand Total</b> |
|-------------------|------------------|------------------|------------------|------------------|--------------------|
| N06-0105          | \$200,000        | \$213,720        | \$213,720        | \$214,542        | \$841,982          |
| N05-0104          | \$55,000         | \$265,200        | \$265,200        | \$267,264        | \$852,664          |
| N06-0118          | \$44,000         | \$211,120        | \$211,120        | \$211,932        | \$678,172          |
| <b>Total</b>      | <b>\$299,000</b> | <b>\$690,040</b> | <b>\$690,040</b> | <b>\$693,738</b> | <b>\$2,372,818</b> |

The funds for this project are currently available in the Fiscal Year 2005-2006 DHS Information Resource Management operating budget and have been requested in the 2006-2007 budget.

### **NOTIFICATION TIMELINE**

Consistent with ITSSMA policies and procedures, we are informing your Board of our intention to amend the term of these Work Orders and increase the maximum amount of each. On **(DATE TO BE ADDED)**, we will inform your Board of this request and wait two weeks from this date to instruct ISD to proceed with the amendments.

If you have any questions or require additional information, please let me know.

BAC:lmc

c: Chief Administrative Officer  
County Counsel  
Executive Officer, Board of Supervisors  
Chief Information Officer  
Director, Internal Services Department

**NOTED AND APPROVED:**

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Jon W. Fullinwider  
Chief Information Officer

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Date